

**Board of Professional Land Surveyors Approved PDH for 2011**

SPONSOR	COURSE TITLE	PROGRAM	PDH	ETHICS	CONTACT	TELEPHONE
American Congress on Surveying and Mapping - Arizona Professional Land Surveyors (APLS)	2010 ACSM Annual Conference and Technology Exhibition	4/24 - 28/2010			Timothy Kent	(240) 632-9716
	A Precise 3D Method for Total Station Field Data Collection		4			
	An Ethical Review of the Maxims of Jurisprudence		4	Yes		
	Are You Sinking? Identifying/Monitoring Land Subsidence in Arizona and Associated Geodesy		4			
	Contract Basics for Land Surveyors		4			
	Development, Implementation and Future of the National Spatial Reference System		4			
	Discrepancies in the Official Record		4			
	Expert Witness - Rule 26 Disclosure Reports		4			
	Finding the Footsteps		4			
	Forensic Surveying		4			
	GPS, Deodesy, and the Ghost in the Machine: A Workshop for Surveyors and GIS Professionals		8			
	Help! My Data Don't Line Up		4			
	History of Surveying and Mapping		8			
	Hydrographic Surveying		8			
	Infrastructure GIS 101 for Surveyors		4			
	Introduction to GIS for Surveyors		4			
	Legal Descriptions and Conveyances		4			
	NGS RTN Guidelines		4			
	Nuts and Bolts of submitting a Digital leveling project to NGS		8			
	Orthometric heighting with GPS		8			
	PLSS - The Big Picture		4			
	Pricing Professional Services		4			
	Right of Way and Easement Law		8			
	Situational Ethics for Surveyors		4	Yes		
	Surveying Project Management		8			
	The 4 P's - Professionalism, Public Perception & Profit		4	Yes		
	The Surveying Body of Knowledge		4			
	The Surveyor's Role in Boundary Conflict Resolution		4			
	The Surveyors Role in the FEMA Flood Insurance Program		4			
	Training Complete: Autoline to BIM		4			
	Understanding measurement Error		4			
	Understanding Random Errors		4			

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<b>American Congress on Surveying and Mapping - Arizona Professional Land Surveyors (APLS) CONTINUED</b>	<b>2010 ACSM Annual Conference and Technology Exhibition</b>	<b>4/24 - 28/2010</b>				
	Understanding the Statistics Used in GPS Surveying		4			
	Utilities, Public and Otherwise		4			
	VRS RTK - Using a VRS RTK Correction Service Office and Field		4			
	Water Boundaries		4			
<b>Community College of Baltimore County</b>	<b>SURV241- Minor Engineering III - Storm Drain Design</b>	<b>9/2009 - 12/2009</b>	<b>120</b>		<b>James E. Lobdell</b>	<b>443-840-4965</b>
	<b>SURV226 - Minor Engineering I - Zoning Subdivision and Road Design</b>	<b>2/2010 - 5/2010</b>	<b>120</b>			
<b>Delaware Association of Surveyors, Inc.</b>	<b>Elevation Certificates</b>	<b>11/5-6/2009</b>	<b>4</b>		<b>Kelly Katz, President</b>	<b>(302) 337-7868</b>
	GPS Basics for Land Surveyors	11/5-6/2009	4			
	History of Land Surveying Measurement Tools, Part 1	11/5-6/2009	4			
	History of Land Surveying Measurement Tools, Part 2	11/5-6/2009	4			
	Professional Ethics for the Land Surveyor	11/5-6/2009	4			
	Professionalism - Pre and Post Licensure	11/5-6/2009	4			
	State Plane Coordinates for Survey Applications, Part 1	11/5-6/2009	4			
	State Plane Coordinates for Survey Applications, Part 2	11/5-6/2009	4			
	The PLS, DAS and Board - Successful Working Relationship	11/5-6/2009	4			
	Business Writing Worth Reading	11/5-6/2009	4			
	Surveyor's Issues & Answers: Ethical Business Practices	4/21/2010	2	Yes	Beth Passwaters	(302) 337-7868
	General Membership Meeting	9/22/2010	1			
	2010 Conference: Delaware Roads	11/4 - 5/2010	8			
	2010 Conference: Using Robots, GPS & Reference Stations in a One Man Survey Team	11/4 - 5/2010	4			
	2010 Conference: TR-55	11/4 - 5/2010	4			
	2010 Conference: Laser Scanning	11/4 - 5/2010	4			
	2010 Conference: Risk Management	11/4 - 5/2010	4			
	2010 Conference: Riparian Rights	11/4 - 5/2010	4			
	2010 Conference: Ethics	11/4 - 5/2010	4	Yes		
	2010 Conference: Case Studies	11/4 - 5/2010	8			
	2010 Conference: DE Public Archives - Resources of Interest to Land Surveyors	11/4 - 5/2010	4			
<b>DELDOT</b>	<b>DELDOT Subdivision Review Process Training Session</b>	<b>10/28/2009</b>	<b>2</b>		<b>Marc Cote/Andrea Yoder</b>	<b>(302) 760-2266</b>
<b>DTCC - Georgetown Campus</b>	<b>Global Positioning Systems</b>	<b>10/2/2009</b>	<b>7</b>		<b>Corporate and Community Programs</b>	<b>(302) 855-5900</b>
	Global Positioning Systems	2/2/2010	7			
	Advanced Data Collection Techniques	1/19/2010	7			
	Advanced Data Collection Techniques	9/14/2010	7			
	Geographic Information Systems (GIS) using ARCVIEW	3/5 - 4/30/10	48			

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<b>DTCC - Georgetown Campus (cont'd)</b>	Geographic Information Systems (GIS) using ARCVIEW	9/8 - 12/15/10	48			
	Intro to Global Positioning Systems for Land Surveyors	2/9/2010	7			
	Review of Stormwater Management Modeling & Technical Update	10/4 - 11/22/10	24			
	Intro to Mapping & GIS for Land Surveyors using ARCVIEW	2/23/2010	7			
	Intro to Mapping & GIS for Land Surveyors using ARCVIEW	11/23/2010	7			
	Utilizing Robotic & GPS Technology	5/4/2010	7			
	KeyNet GPS	2/5/2010	3.5			
<b>Garden State Land Surveyors Alliance</b>	Professional Ethics & Licensing Board Actions	1/15/2010	8	Yes	George Lucas, PLS	(732) 442-4373
<b>Kentucky Association of Professional Surveyors</b>	<b>2010 Annual Conference</b>	<b>2/18 - 20/2010</b>				
	History of Land Surveying Measurement Tools	2/18/2010	4			
	Early Surveying Techniques and the Evolution of Surveying Equipment	2/18/2010	4			
	Abe Lincoln as a Land Surveyor	2/18/2010	2			
	Surveying America	2/18/2010	4			
	The Colonial Land System & The Building of America	2/18/2010	4			
	Time, Time, It's All About Time	2/18/2010	2			
	First Aid for Surveyors	2/19/2010	2			
	Surveying in the Military: Cold War Years, Vietnam to Persian Gulf	2/19/2010	4			
	CSI Surveying	2/19/2010	2			
	Field Techniques Applicable to the GIS Industry	2/19/2010	2			
	Client Relations/Marketing/Risk Management - How are they linked	2/19/2010	2			
	Excel Seminar	2/19/2010	2			
	Carlson Survey & Network Least Squares	2/19/2010	2			
	Government Affairs - The Politics of State Government and Regulations - <u>How to Influence your State Officials</u>	2/19/2010	2			
	Power Point Seminar	2/19/2010	2			
	The Professional Surveyor as an Expert Witness in Criminal Court	2/19/2010	2			
	Spatial maging & Laser Scanning	2/19/2010	2			
	KRS.322/MTS/Code of Conduct	2/20/2010	4	Yes		
	Ethical Considerations and Tips on Expert Witness from the Legal Counsel Perspective	2/20/2010	4	Yes		
<b>Land Surveyor's Workshop</b>	Analysis & Adjustment of Survey Traverses	2/26/2010	4		Vickie W. Kluttz	(336) 846-1101
	Ethics for Land Surveyors - classroom	2/26/2010	4			
	Ethics for Land Surveyors - Cruise	11/1/09 - 6/1/2011	4			
	Advanced techniques for Carlson or C&G Software	When offered - 7/1/09 - 6/30/11	4			
	Anatomy of a Claim	When offered - 7/1/09 - 6/30/11	4			
	Carlson/C&G Survey Software: Organizing and setting up CAD drawings for beginners (initial setup and beyond)	When offered - 7/1/09 - 6/30/11	8			

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Land Surveyor's Workshop (Cont'd)	Pricing Professional Services	6/30/10 - 6/30/11	4			
	Touch Times Suck, So Do Lawsuits	6/30/10 - 6/30/11	4			
	Traverse Analysis and Adjustments (Emphasis on Least Squares)	6/30/10 - 6/30/11	8			
	Area Wide VRS to Get on the Same Page	6/30/10 - 6/30/11	4			
	The First Surveyor Doctrine - Part I	6/30/10 - 6/30/11	4			
	The First Surveyor Doctrine - Part II	6/30/10 - 6/30/11	4			
	The Surveyor's Role in Boundary Conflict Resolution	6/30/10 - 6/30/11	4			
	The Surveyor's Role in Mediation	6/30/10 - 6/30/11	4			
	So You've Discovered a Conflict Part I	6/30/10 - 6/30/11	4			
	So You've Discovered a Conflict Part II	6/30/10 - 6/30/11	4			
	Fundamental Practice for Writing Legal Descriptions	6/30/10 - 6/30/11	4			
	Laying a Foundation for Writing Legal Descriptions	6/30/10 - 6/30/11	4			
	The Expert Witness	6/30/10 - 6/30/11	4			
	An Ethical Review of the Maxims of Jurisprudence	6/30/10 - 6/30/11	4	Yes		
	Datums and Coordinate Systems	When offered - 7/1/09 - 6/30/11	4			
	Drawing a map using your computer: The basics after initial set-up	When offered - 7/1/09 - 6/30/11	8			
	Electronic Seals and Signatures – are you in danger?	When offered - 7/1/09 - 6/30/11	2			
	Ethics – Reviewing Professional Ethics and Responsibilities	When offered - 7/1/09 - 6/30/11	1.5			
	FEMA for Land Surveyors	When offered - 7/1/09 - 6/30/11	4			
	GPS Real Time Kinematic (RTK) Surveying	When offered - 7/1/09 - 6/30/11	4			
	Horizontal Alignment	When offered - 7/1/09 - 6/30/11	4			
	Hydrology for Surveyors II	When offered - 7/1/09 - 6/30/11	4			
	Insurance Needs of the Surveyor	When offered - 7/1/09 - 6/30/11	4			
	Introduction to the Global Positioning System	When offered - 7/1/09 - 6/30/11	4			
	Introduction to laser scanning	When offered - 7/1/09 - 6/30/11	4			
	Managing the client relationship	When offered - 7/1/09 - 6/30/11	4			
	Maps and Charts	When offered - 7/1/09 - 6/30/11	4			
	Marketing, PR and Advertising for the small professional office	When offered - 7/1/09 - 6/30/11	4			
	Organize your computer files (emphasis on CAD files)	When offered - 7/1/09 - 6/30/11	4			
	Small business management tools with spreadsheets	When offered - 7/1/09 - 6/30/11	4			
	SurvCE Introduction Course Outline – field users	When offered - 7/1/09 - 6/30/11	4			
	Tectonics and Surveying	When offered - 7/1/09 - 6/30/11	4			

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Land Surveyor's Workshop (Cont'd)	The Expert Witness – Rule 26 Disclosure Reports	When offered - 7/1/09 - 6/30/11	4			
	The Gravity of Surveying	When offered - 7/1/09 - 6/30/11	4			
	The New Standards and How to apply them	When offered - 7/1/09 - 6/30/11	4			
	The Seven deadly sins of surveying	When offered - 7/1/09 - 6/30/11	4			
	The Surveyor's Role in Mediation	When offered - 7/1/09 - 6/30/11	4			
	The Surveyor's Role in the FEMA Flood Ins Program	When offered - 7/1/09 - 6/30/11	4			
	Using Microsoft Word and Excel in a small surveying office	When offered - 7/1/09 - 6/30/11	4			
Maryland Society Surveyors	2010 Spring Conference	4/15 - 4/16/10				(888) 475-1858
	Contracts for Land Surveyors	4/15/2010	4			
	New Developments for OPUS	4/15/2010	4			
	"The Pinchusion Effect" or The Multiple Monument Dilemma	4/15/2010	4			
	Land Surveying Ethics and Professionalism	4/15/2010	4	Yes		
	Boundary Surveyor	4/16/2010	8			
	Controlling an "Accurate & Reliable" Map ...from the ground, up!	4/16/2010	4			
	ABC's of CAD Software...Autodesk, Bentley and Carlson	4/16/2010	4			
	2010 Fall Conference	9/30-10/2/10				
	Water Boundaries	10/1/2010	8			
	Modernization of the National Spatial Reference System by the National Geodetic Survey	10/1/2010	4			
	New ALTA/ACSM Standards for Land Title Surveys	10/1/2010	4			
	The Land Surveyor in Court and Mock Trial	10/2/2010	8			
	Best Methods for Real Time GNSS Positioning: A Field Guide	10/2/2010	4			
	2009 Fall Conference	10/15 - 10/17/09				
	Marketing Your Company's Talents - A Seminar on Marketing for the Surveyor and Engineer	10/16/2009	4			
	Are You Up to Date on the 2009 National Flood Insurance Program?	10/16/2009	4			
	"Heights" - Elevating Our Knowledge for the Future	10/16/2009	3.5			
	FEMA Technical Issues and Updates	10/16/2009	3.5			
	"Live From Maryland!" The "Original" GPS Reference Station Network	10/17/2009	4			
	All the "Write" Stuff - A Seminar on Communications for the Surveyor and Engineer	10/17/2009	4			
	Principles of Project Management	10/17/2009	4			
	Situational Ethics for the Land Surveyor	10/17/2009	3.5			
	Understanding OPUS	10/17/2009	3.5			

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Mississippi Association of Professional Surveyors (MAPS)	2010 Annual Convention	2/4 - 6/2010				
	The Rectangular land System: Subdivision of the Public Land	2/4/2010	7.5			
	The History of Surveying Instruments: Their Impact and Accuracy	2/5/2010	2			
	Future Role of Surveyors in GIS	2/5/2010	3.5			
	Ethics for Surveyors	2/6/2010	1	Yes		
National Business Institute, Inc.	Mastering Land Use and Planning Processes	11/12/2009	5		Elizabeth Zenner	(715) 835-8525
NJ Society of Professional Land Surveyors	SurvCon 2010	2/3-5/10				
	Easements, Rights of Ways and Encumbrances in Land	2/3/2010	8			
	Legal Descriptions and Conveyances	2/3/2010	3.5			
	Surveying: The Profession	2/3/2010	3.5			
NJ Society of Professional Land Surveyors CONTINUED	Hydrographic Surveying	2/3/2010	3.5			
	Live from New Jersey! The GNSS Reference Station Network & More...Monitoring on Real Projects with Examples	2/3/2010	3.5			
	Expert Witness Testimony	2/3/2010	3.5			
	Re-Engineering Surveyors and Surveying Businesses	2/3/2010	3.5			
	Surveying Body of Knowledge	2/3/2010	3.5			
	Understanding OPUS	2/3/2010	3.5			
	Boundary Surveyor	2/4/2010	8			
	Surveying with Total Stations	2/4/2010	3.5			
	New Development for OPUS	2/4/2010	3.5			
	Residential Improvement Standards	2/4/2010	3.5			
	Tax map Integration in the Digital Age	2/4/2010	3.5			
	Doing More and More with Less and Less or "The Perils of Surveying in the Modern World"	2/4/2010	3.5			
	Surveying with GPS (or How to Use GPS Optimally)	2/4/2010	3.5			
	Environmental Regulations Update - Wetlands and Flood Hazard Area Control Act Rules	2/4/2010	3.5			
	Grid to Ground: Practices and Pitfalls	2/4/2010	3.5			
	Floodplain Development for Design Professionals	2/5/2010	8			
	The Multiple Monument Dilemma	2/5/2010	8			
	Sighting Business Success: Beyond the Basics	2/5/2010	4			
	NGS Guidelines for Real Time GNSS Network Positioning	2/5/2010	4			
	KeyNetGPS	2/5/2010	4			
	The Administrative Code: The Surveyor's Guide to Surveying	2/5/2010	4			
	Riparian Doctrines, Boundaries and Rights	2/5/2010	4			
	Theory and Practice of Surveying Measurement Errors	2/5/2010	4			
	Protecting Your Practice: A Risk Management Survival Guide	2/5/2010	4			

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Pennsylvania Society of Land Surveyors	Carlson Survey and TDS	10/16/2009	4		Shari Taylor	(717) 540-6811
	Field Data Collection with SurvCE	10/16/2009	4			
	Stormwater Review for Licensure	1/27/2010	3.5			
	BPM Manual	1/27/2010	3.5			
	GPS Training Session	7/29/2010	2			
	<b>Conference</b>	<b>1/24-27/10</b>			<b>Shari Taylor</b>	<b>(717)540-6811</b>
	Professional Liability & Professional Ethics	1/25/2010	3.5	yes		
	Overview of the US Public Land Survey System	1/25/2010	3.5			
	Storm Sewer Design Part 1 and Part 2	1/25/2010	7			
	Liability of Sharing Electronic Information	1/25/2010	3.5			
	GPS Basics with Applications Part 1 and Part 2	1/25/2010	7			
	Basic Geodesy	1/25/2010	3.5			
	Riparian Rights	1/25/2010	3.5			
	Boundary Law	1/25/2010	3.5			
	Parcel-Based GIS Development Concepts	1/25/2010	3.5			
	Control Surveying with GPS	1/25/2010	3.5			
	Wooden Evidence	1/26/2010	3.5			
	Detention Pond Design Part 1 and Part 2	1/26/2010	7			
	Legal Issues for GIS	1/26/2010	3.5			
	GPS for the Field Surveyor	1/26/2010	3.5			
	Improving Geodetic Field Survey Techniques	1/26/2010	3.5			
	Encroachment	1/26/2010	3.5			
	Easements - Create and Terminate	1/26/2010	3.5			
	Laser Scanning	1/26/2010	3.5			
	ArcGIS Desktop Program for GIS Usage	1/26/2010	3.5			
	Real-Time Kinematic (RTK) Positioning - Theory & Practice	1/26/2010	3.5			
	Survey Equipment Adjustment	1/26/2010	3.5			
	Legal Aspects of Roads	1/26/2010	3.5			
	Surveyors Role in the Legal System	1/27/2010	3.5			
	Be Prepared: Surveyor as Witness Part 1 and Part 2	1/27/2010	7			
	BMP Manual	1/27/2010	3.5			
	Machine Control	1/27/2010	3.5			
	State Plane Coordinate Systems	1/27/2010	3.5			
	Forensic Surveying	1/27/2010	3.5			
	Writing Legal Description	1/27/2010	3.5			
	Data Links - GPS & Robotics	1/27/2010	3.5			
	Finding & Prioritizing Boundary Retracement Evidence	1/27/2010	3.5			
	Oil and Gas Well Surveying	1/27/2010	3.5			
South Carolina Society of Professional Land Surveyors	<b>Conference &amp; Trade Show</b>	<b>2/25-26/2010</b>				<b>(803) 750-7524</b>
	Session 1: Project Management	2/25/2010	7.25			
	Session 2: Least Squares Analysis	2/25/2010	7.25			
	Session 3: Know When to Hold'Em...and Other Procedural Pitfalls	2/25/2010	7.25			
	Session 2: FEMA Workshop	2/26/2010	7.25			
	Session 3: AutoCAD Civil 3D for Surveyors	2/26/2010	7.25			
	Session 5: GIS Field Procedures and Applications	2/26/2010	7.25			

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<b>Surveyors Association of West Jersey</b>	Elevation Certificates and Letters of Map Amendment	5/13/2010	1		Rick Sapio	(856) 346-3292
<b>Virginia Association of Surveyors</b>	<b>2010 VAS Annual Meeting</b>	<b>1/21 - 23/2010</b>				
	Tech Session II - "RTK GPS & State Plane Coordinates"	1/22/2010	8			
	Tech Session III - A - "Live from Virginia RTK Net - The GNSS Reference Station Network for High Accuracy GNSS Applications"	1/22/2010	4			
	Tech Session III - B - "Live from Virginia - Understanding OPUS"	1/22/2010	4			